

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10581656	
	Filing Date		2008-06-09	
	First Named Inventor	Hyung-Joo Kwon		
	Art Unit	1645		
	Examiner Name	Ogunbiyi, O.		
Attorney Docket Number		BARUN-10974		

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6406705		2002-06-18	University of Iowa	Whole Document

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	199840100	WO		1998-09-17	Davis, et al	Whole Document	<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

NON-PATENT LITERATURE DOCUMENTS		Remove	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10581856
Filing Date	2008-06-09
First Named Inventor	Hyung-Joo Kwon
Art Unit	1645
Examiner Name	Ogunbiyi, O.
Attorney Docket Number	BARUN-10974

1	AKDIS, et al., "Immune regulation in atopic dermatitis." Curr Opin Immunol. 2000 Dec;12(6):641-6	<input type="checkbox"/>
2	KWON, et al., "NF-kappaB-dependent regulation of tumor necrosis factor-alpha gene expression by CpG-oligodeoxynucleotides." Biochem Biophys Res Commun. 2003 Nov 7;311(1):129-38	<input type="checkbox"/>
3	DENG, et al., "The features of arthritis induced by CpG motifs in bacterial DNA." Arthritis Rheum. 2000 Feb;43(2):356-64	<input type="checkbox"/>
4	TANAKA, et al., "An antisense oligonucleotide complementary to a sequence in I gamma 2b increases gamma 2b germline transcripts, stimulates B cell DNA synthesis, and inhibits immunoglobulin secretion" J Exp Med. 1992 Feb 1;175(2):597-607	<input type="checkbox"/>
5	DAVIS, et al., "CpG DNA is a potent enhancer of specific immunity in mice immunized with recombinant hepatitis B surface antigen." J Immunol. 1998 Jan 15;160(2):870-6	<input type="checkbox"/>
6	RUDIKOFF, et al., "Atopic dermatitis." Lancet. 1998 Jun 6;351(9117):1715-21	<input type="checkbox"/>
7	IMOKAWA, et al., "Decreased level of ceramides in stratum corneum of atopic dermatitis: an etiologic factor in atopic dry skin?" J Invest Dermatol. 1991 Apr;96(4):523-6	<input type="checkbox"/>
8	ASHWELL, et al., "Effect of gamma radiation on resting B lymphocytes. I. Oxygen-dependent damage to the plasma membrane results in increased permeability and cell enlargement." J Immunol. 1986 May 15;136(10):3649-56	<input type="checkbox"/>
9	PROSSER "Survival of human T and B lymphocytes after X-irradiation." Int J Radiat Biol Relat Stud Phys Chem Med. 1976 Nov;30(5):459-65	<input type="checkbox"/>
10	KUBOTA, et al., "Radiation-induced apoptosis in peritoneal resident macrophages of C3H mice" J Radiat Res (Tokyo). 2004 Jun;45(2):205-11	<input type="checkbox"/>
11	KRIEG, A M, "CpG motif in bacterial DNA and their immune effects" Annu. Rev. Immunol. 2002, Vol. 20:709-742	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10581656
Filing Date	2008-06-09
First Named Inventor	Hyung-Joo Kwon
Art Unit	1645
Examiner Name	Ogunbiyi, O.
Attorney Docket Number	BARUN-10974

12	KRIEG, et al, "CpG motifs in bacterial DNA trigger direct B-cell activation" 1995, nature vol 374, p546-549	<input type="checkbox"/>
13	UHLIMANN, et al., "Recent advances in the development of immunostimulatory oligonucleotides" (2003-03), CURRENT OPINION IN DRUG DISCOVERY & DEVELOPMENT MAR 2003, vol. 6, no. 2, pages 204-217	<input type="checkbox"/>
14	KRIEG, et al., "Mechanism of Action of CpG DNA" (2000-01-01), CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, SPRINGER, BERLIN, DE, vol. 247, 1, pages 1-21	<input type="checkbox"/>
15	BALLAS, et al. "Induction of NK activity in murine and human cells by CpG motifs in oligodeoxynucleotides and bacterial DNA" J Immunol. 1996 Sep 1;157(5):1840-5	<input type="checkbox"/>
16	KLINMAN, et al. "CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma" Proc Natl Acad Sci U S A. 1996 Apr 2;93(7):2879-83	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.